

guish the two species in Maulmain, would not distinguish them from a third at Zimmay. Be that as it may, this is certain, that these provinces can furnish the commercial world with a large quantity of gum kino. If the result of the experiment which was made be correct, we have a great abundance of it within our own borders; for the Pa-douk is one of the most common forest trees in the provinces from the Tenasserim to the Salwan. It furnishes a considerable portion of the fuel that is sold in Maulmain. But if not, it is certainly abundant in the neighbouring provinces, whose only avenue to market is through our territories.—*Journal of the Asiatic Society of Bengal*, August 1848.

METEOROLOGICAL OBSERVATIONS FOR DEC. 1848.

Chiswick.—December 1. Foggy and drizzly: cloudy: rain, and boisterous at night. 2. Fine. 3. Clear: overcast: boisterous, with rain at night. 4. Boisterous, with heavy rain: clear at night. 5. Overcast: clear: slight rain. 6. Clear: heavy clouds. 7. Rain. 8. Slight rain. 9. Very fine. 10. Clear and very fine. 11. Foggy: cloudy. 12. Foggy: uniformly overcast. 13. Exceedingly fine. 14. Fine. 15. Hazy: rain. 16. Drizzly: constant heavy rain. 17. Cloudy: foggy. 18. Hazy: fine: densely overcast. 19. Foggy. 20. Hazy: clear and frosty at night. 21. Clear and frosty. 22. Frosty: clear: frosty. 23. Foggy: hazy: sharp frost. 24. Frosty: slight haze: overcast. 25. Hazy: cloudy. 26. Densely clouded. 27, 28. Fine. 29. Overcast. 30. Foggy: fine: foggy. 31. Foggy: hazy: foggy at night.

Mean temperature of the month	41°·75
Mean temperature of Dec. 1847	41·09
Mean temperature of Dec. for the last twenty years	39·66
Average amount of rain in Dec.	1·58 inch.

Boston.—Dec. 1. Cloudy: rain A.M. and P.M. 2. Fine. 3. Fine: rain P.M. 4. Cloudy: rain P.M. 5. Cloudy: rain A.M. 6. Fine: rain A.M. 7. Rain: rain A.M. and P.M. 8. Fine: rain P.M. 9—11. Fine. 12. Cloudy. 13. Fine. 14. Cloudy: rain P.M. 15. Cloudy: stormy, with rain from s.w. P.M. 16. Cloudy: rain P.M. 17, 18. Fine. 19. Rain: rain early A.M. 20. Cloudy. 21. Fine: plenty of ice this morning. 22—24. Fine. 25, 26. Rain. 27, 28. Cloudy. 29. Fine. 30. Cloudy. 31. Cloudy: a remarkable dark day.

Applegarth Manse, Dumfries-shire.—Dec. 1. Frost A.M.: rain and high wind P.M. 2. Rain: sleet: high wind: lightning. 3. Snow inch deep: heavy rain P.M. 4. Very high flood: heavy rain and high wind. 5. Fair, after very wet night: flood again. 6. Dull: drizzling: frost A.M. 7. Frost: damp and drizzly P.M. 8. Soft, moist and foggy. 9. Rain all day: high wind P.M. 10. Fair: high wind. 11. Fair and fine. 12. Dull and foggy A.M.: rain P.M. 13. Rain A.M.: showery all day. 14. Fair A.M.: rain and high wind P.M. 15. Fair A.M.: rain P.M., with storm of wind. 16. Fair and fine. 17. Frost A.M.: slight showers P.M. 18. Fair A.M.: cloudy: showery P.M. 19. Fair: fog: cleared P.M. 20. Frost: thaw P.M. 21. Frost, hard: clear and bracing. 22. Frost very hard: clear. 23. Frost keen: clear: wind rising. 24. Frost: high wind P.M. 25. Frost, slight: thaw P.M. 26. Rain very heavy: high wind. 27. Fair and clear: threatening frost. 28. Hard frost all day. 29. Hard frost. 30. Frost moderate: dull. 31. Frost moderate: cloudy.

Mean temperature of the month	39°·8
Mean temperature of Dec. 1847	40·2
Mean temperature of Dec. for the last twenty-five years .	38·2
Average amount of rain in Dec. for twenty years	2·94 inches.

Sandwich Manse, Orkney.—Dec. 1. Hoar-frost: rain. 2. Cloudy. 3. Rain: cloudy. 4. Showers: thunder: hail-showers. 5. Hoar-frost: showers. 6. Bright: showers. 7. Bright: clear. 8. Showers: rain. 9. Cloudy: rain. 10. Hazy: rain: clear. 11. Cloudy: clear. 12. Cloudy: rain. 13. Bright: showers. 14. Cloudy. 15. Bright: rain. 16. Showers: clear. 17. Showers: cloudy. 18. Cloudy. 19. Bright: clear. 20. Cloudy. 21. Bright: clear: aurora. 22. Clear: frost: clear: aurora. 23. Clear: frost: clear. 24, 25. Cloudy. 26. Rain: cloudy. 27. Showers: clear. 28, 29. Clear: frost: clear. 30, 31. Cloudy.